

• Work Order ID 82869

Tuesday, April 10, 2012 2:28:07 PM

82869

Page 1

Item ID: D350-607-541

Accept

N900040100

Setup

Start

NS1

Revision ID:

Item Name: Heli-Utility-Basket

Stop

NS2

Start Date: 4/10/2012 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 4/20/2012 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan:

Date: 10/10

Tooling:

Date:

Run

Start

NR1

QC:

Date: _____

SPC (Y/N):

Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr								
D350-607-3	A								

100 0.00

100 DOCUMENT CONTROL

DC Memo 0.00

Document Control Photocopy bluefile & type labels per PPPD350-607-541 CHG003

10/10/2012

10/10/2012

110 0.00

110 Pick Kit

Packaging Memo 0.00

Packaging ****Mask label plate to size of D4086 label, use scotchbrite red pad to lightly sand area for label, apply label****

JB

10/10/2012

120 0.00

120 QC4- 100% Inspect kits for completeness

Quality Control Memo 0.00

10/10/2012

200/DS

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Item ID: D350-607-541

Accept

N900040100

Setup

Start

NS1

Revision ID:

Item Name: Heli-Utility-Basket

Stop

NS2

Start Date: 4/10/2012 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/20/2012 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

130

130

Packaging

Packaging

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

0.00

12

64278

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Quality Control

Memo

0.00

MLJ 12/04/27

MF
12-04-27

W/O:		WORK ORDER CHANGES							
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Work Order ID: 82869

82869
D350-607-541

Parent Item: D350-607-541
Parent Item Name: Heli-Utility-Basket

Start Date: 4/10/2012

Required Date: 4/20/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 10-08-19 AS PER REV.A DD VERF BY:EC IPP Rev:B
11.02.09 add to install label DD verf by:EC IPP REV:C 12.03.06
AS PER ECN12-535 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D350-607-511	CHC7WZ	Manufactured	No		110	Each	2.0000	1	1	1	1	82318	JB
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**

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D350-607-511	CHC7WZ	Manufactured	No		110	Each	2.0000	1	1	1	1	82318	JB
--------------	--------	--------------	----	--	-----	------	--------	---	---	---	---	-------	----

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D2690-6		Manufactured	No		110	Each	24.0000	1	1	1	1	83360	JB
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Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D2690-6		Manufactured	No		110	Each	24.0000	1	1	1	1	83360	JB
---------	--	--------------	----	--	-----	------	---------	---	---	---	---	-------	----

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3912-041		Manufactured	No		110	Each	1.0000	1	1	1	1	381457	SP
-----------	--	--------------	----	--	-----	------	--------	---	---	---	---	--------	----

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Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3912-041		Manufactured	No		110	Each	1.0000	1	1	1	1	381457	SP
-----------	--	--------------	----	--	-----	------	--------	---	---	---	---	--------	----

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D4030-041		Manufactured	No		110	Each	0.0000	1	1	1	1	82870	LR
-----------	--	--------------	----	--	-----	------	--------	---	---	---	---	-------	----

**

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D4030-041		Manufactured	No		110	Each	0.0000	1	1	1	1	82870	LR
-----------	--	--------------	----	--	-----	------	--------	---	---	---	---	-------	----

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
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Work Order ID: 82869

82869

Parent Item: D350-607-541

D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 4/10/2012

Required Date: 4/20/2012

D4085-3

Manufactured No

110 Each

16.0000

1 1 ✓

**

*S *D4085-3**

Placard, Instructions

JB

SP

D4151-041

Manufactured No

110 Each

8.0000

1 1 ✓

**

*S *D4151-041**

Basket Fwd Hardpoint Assembly, Lower

JB

SP

D4151-043

Manufactured No

110 Each

1.0000

1 1 ✓

**

*S *D4151-043**

Basket Fwd Hardpoint Assembly, Upper

JB

SP

D4150-041

Manufactured No

110 Each

0.0000

1 1 ✓

**

D4150-041

Attachment Arm Assembly

JB

SP

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Work Order ID: 82869

82869

Parent Item: D350-607-541

D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 4/10/2012

Required Date: 4/20/2012

Start Qty: 1.00

Required Qty: 1.00

AN4-13A

Purchased

No

110

Each

1,349.000

6

6

**

AN4-13A

Bolt

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST357	1349	
119449	39	
120187	70	
120422	340	120422
120770	400	
121162	500	

AN4C15

Purchased

No

110

Each

76.0000

1

1

**

AN4C15

BOLT

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST358	76	
120124	26	120124
121146	50	

AN310C4

Purchased

No

110

Each

69.0000

1

1

**

AN310C4

Nut

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST344	69	
120360	30	
121166	39	121166

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector	
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Work Order ID: 82869

82869

Parent Item: D350-607-541

D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 4/10/2012

Required Date: 4/20/2012

Start Qty: 1.00

Required Qty: 1.00

MS17984-C413

Purchased

No

110

Each

31.0000

1

1

**

MS17984-C413
PIN, QUICK RELEASE

JB

SL

Location Loc Qty Loc Code

ST315 3

114340 1

118612 2

ST335 28

121091 28

121091

MS21042L4

Purchased

No

110

Each

4,000.000

6

6

**

JB

SL

Location Loc Qty Loc Code

ST300 4000

119017 4

119075 1996

121011 2000

119075

MS24665-151

Purchased

No

110

Each

278.0000

1

1

**

12/04/24

SL

MS24665-151

Cotter Pin

Location Loc Qty Loc Code

ST309 278

17566 278

17566

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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82869

Parent Item: D350-607-541

D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 4/10/2012

Required Date: 4/20/2012

Start Qty: 1.00

Required Qty: 1.00

NAS1515H4L

Purchased

No

110

Each

453.0000

2

2

**

NAS1515H4L

WASHER

JB

NAS1149F0432P

Purchased

No

110

Each

310.0000

12

12

**

NAS1149F0432P

Washer

JB

NAS1149C0463R

Purchased

No

110

Each

985.0000

3

3

**

NAS1149C0463R

Washer

JB

12/04/24

Location

Loc Qty

Loc Code

FP001

1

115358

1

ST297

984

117735

36

119097

948

119097

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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REFERENCE ONLY

4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-607-541 (Standard Basket)	80.7 lb 36.6 kg	± 49.1 in ± 1.25 m	± 3962 in-lb ± 45.8 m-kg	135 in 3.43 m	10895 in-lb 125.5 m-kg
D350-607-543 (Lightweight Basket)	65.7 lb 29.8 kg	± 49.1 in ± 1.25 m	± 3226 in-lb ± 37.3 m-kg	135 in 3.43 m	8870 in-lb 102.2 m-kg
D350-607-545 (Standard Basket)	58.7 lb 26.2 kg	± 49.1 in ± 1.25 m	± 2882 in-lb ± 32.8 m-kg	135 in 3.43 m	7925 in-lb 89.9 m-kg
D350-607-547 (Lightweight Basket)	47.7 lb 21.6 kg	± 49.1 in ± 1.25 m	± 2342 in-lb ± 27.0 m-kg	135 in 3.43 m	6440 in-lb 74.1 m-kg
D350-607-511 (Quick Release Basket Mounting Kit)	7.2 lb 3.3 kg	± 36.9 in ± 0.94 m	± 266 in-lb ± 3.1 m-kg	135 in 3.43 m	972 in-lb 11.3 m-kg

5.0 PARTS LIST

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
	X					D350-607-543	HELI-UTILITY-BASKET
		X				D350-607-545	HELI-UTILITY-BASKET
			X			D350-607-547	HELI-UTILITY-BASKET
/ 1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
1	1	1	1		1	D2690-6	LANYARD
				4	4	D3910-3	X-TUBE LUG
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
/ 1	1	1	1		1	D4085-3	PLACARD-INSTRUCTIONS
1					1	D4086-200	PLACARD, MAX LOAD
	1				1	D4086-215	PLACARD, MAX LOAD
		1			1	D4086-220	PLACARD, MAX LOAD
			1		1	D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
					1	D4149-041	AFT X-TUBE LUG ASSY
1	1	1	1		1	D4150-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARDPOINT ASSY (LOWER)
1	1	1	1		1	D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
6	6	6	6		6	AN4-13A	BOLT
				16	16	AN4-14A	BOLT
1	1	1	1		1	AN4C15	BOLT
1	1	1	1		1	AN310C4	CASTELLATED NUT
/ 1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
6	6	6	6	16	22	MS21042L4	NUT (OR MS21042-4)
1	1	1	1		1	MS24665-151	COTTER PIN
2	2	2	2		2	NAS1515H4L	WASHER
12	12	12	12	32	44	NAS1149F0432P	WASHER
3	3	3	3		3	NAS1149C0463R	WASHER

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